

FIG. 1

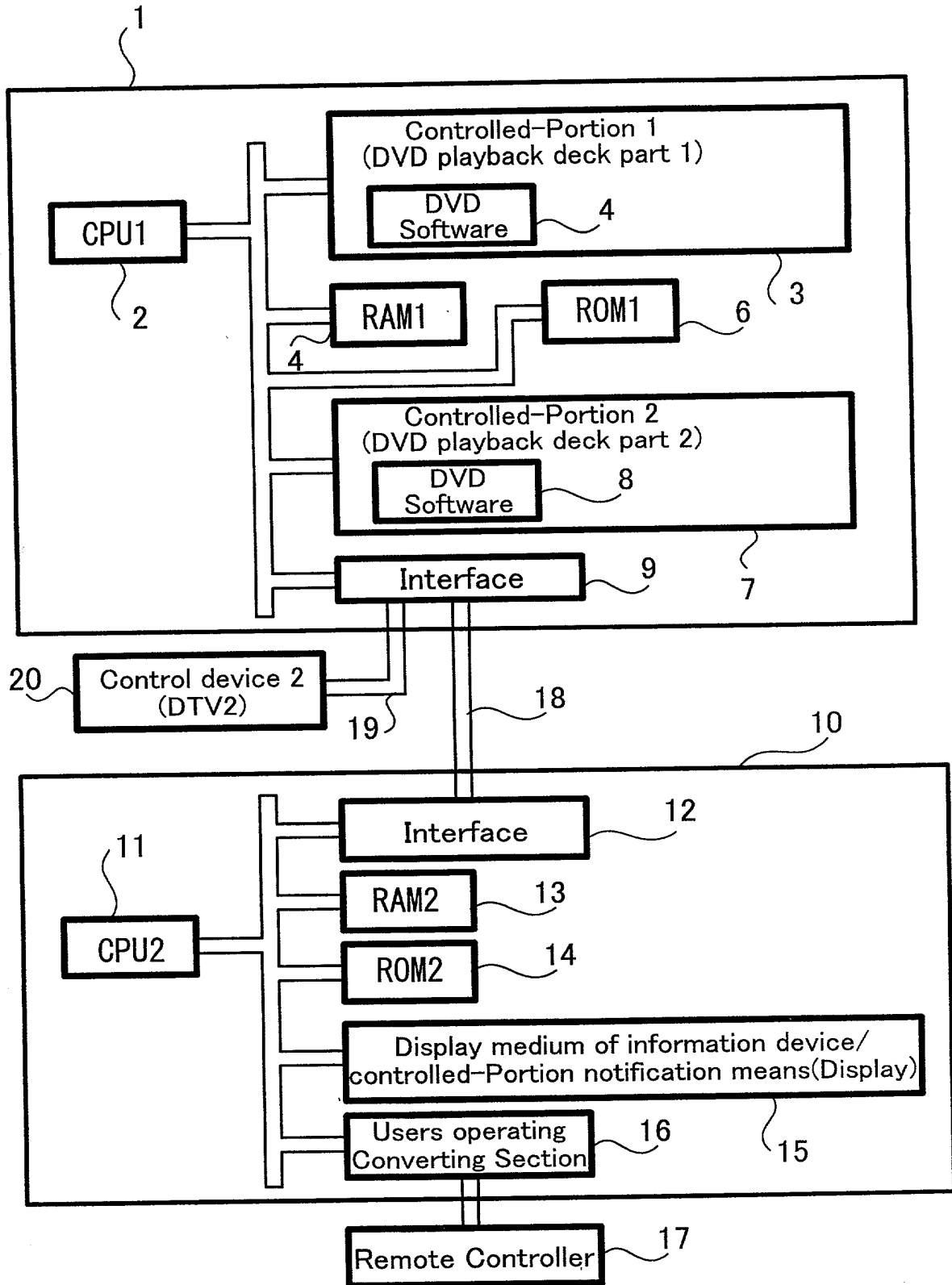


FIG. 2

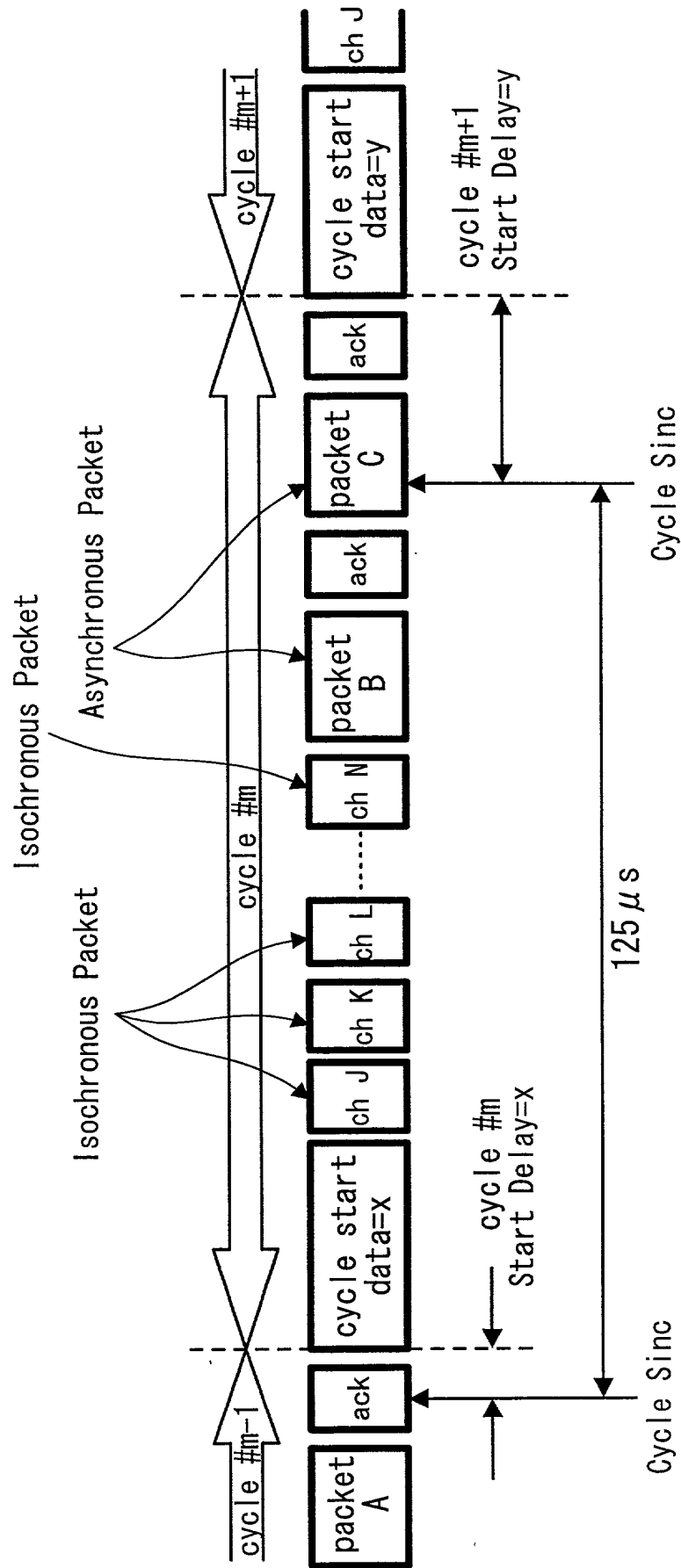


FIG. 3

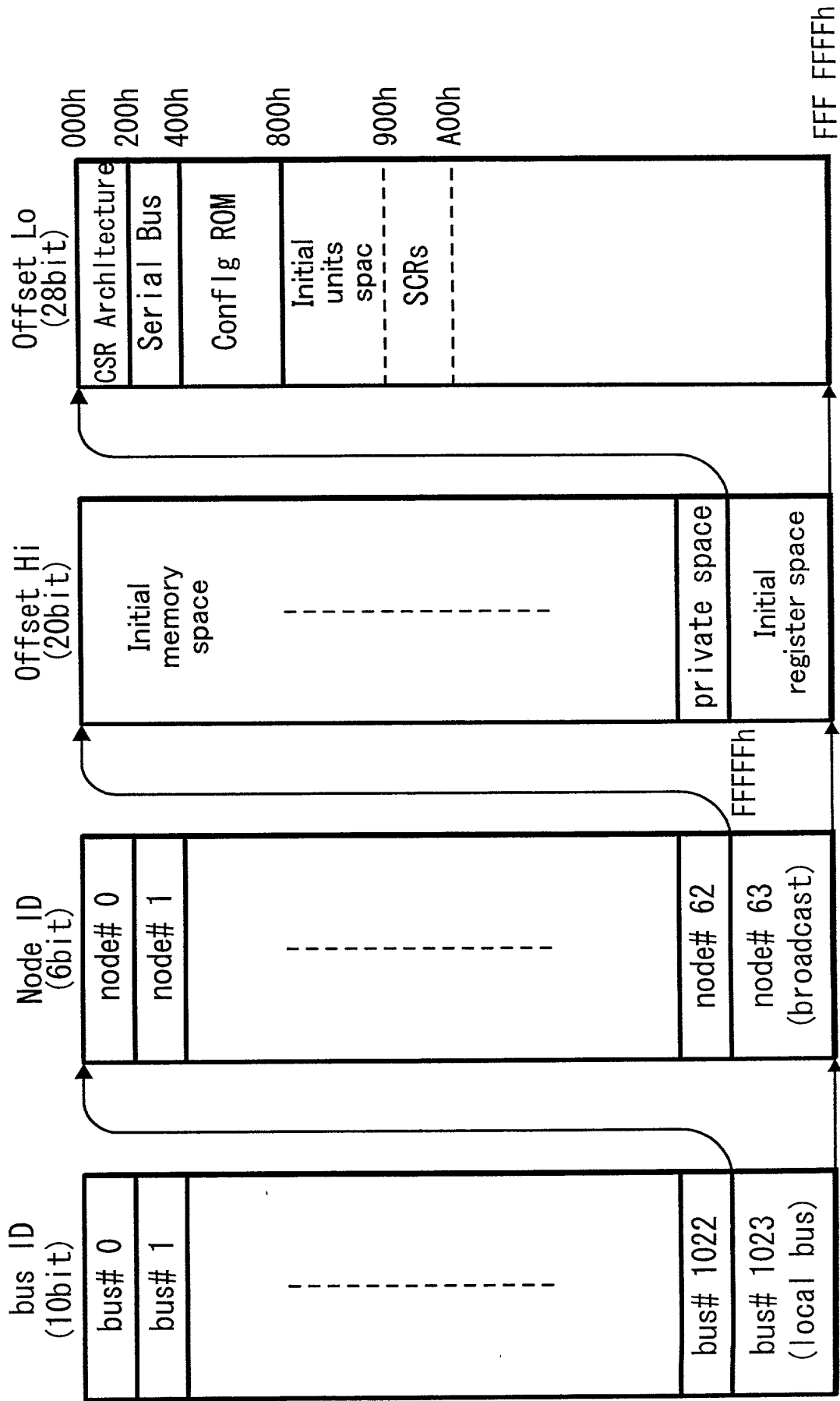


FIG. 4

Offset	Neme	Function
000h	STATE_CLEAR	State and control information
004h	STATE_SET	State-clear bit is set
008h	NODE_IDS	Indicate node-ID of 16 bit
00Ch	RESET_START	Command reset is started
018-01Ch	SPLIT_TIMEOUT	Define max time of split
200h	CYCLE_TIME	Cycle-time
210h	BUSY_TIMEOUT	Define limit on retry
210h	BUS_MANAGER	Indicate bus-manager ID
220h	BANDWIDTH_AVAILABLE	Indicate bandwidth available for isochronous communication
224h-228h	CHANNELS_AVAILABLE	Indicate use of each channel

FIG. 5

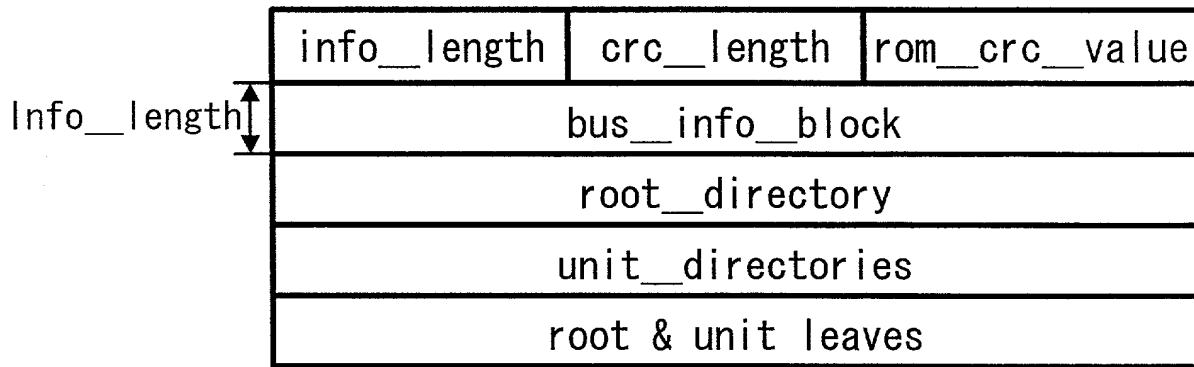


FIG. 7

900h	Output Master Plug Register
904h	Output Plug Control Register #0
	Output Plug Control Register #1
⋮	⋮
97Ch	Output Plug Control Register #30
980h	Input Master Plug Register
984h	Input Plug Control Register #0
988h	Input Plug Control Register #1
⋮	⋮
9FCh	Input Plug Control Register #30

FIG. 6

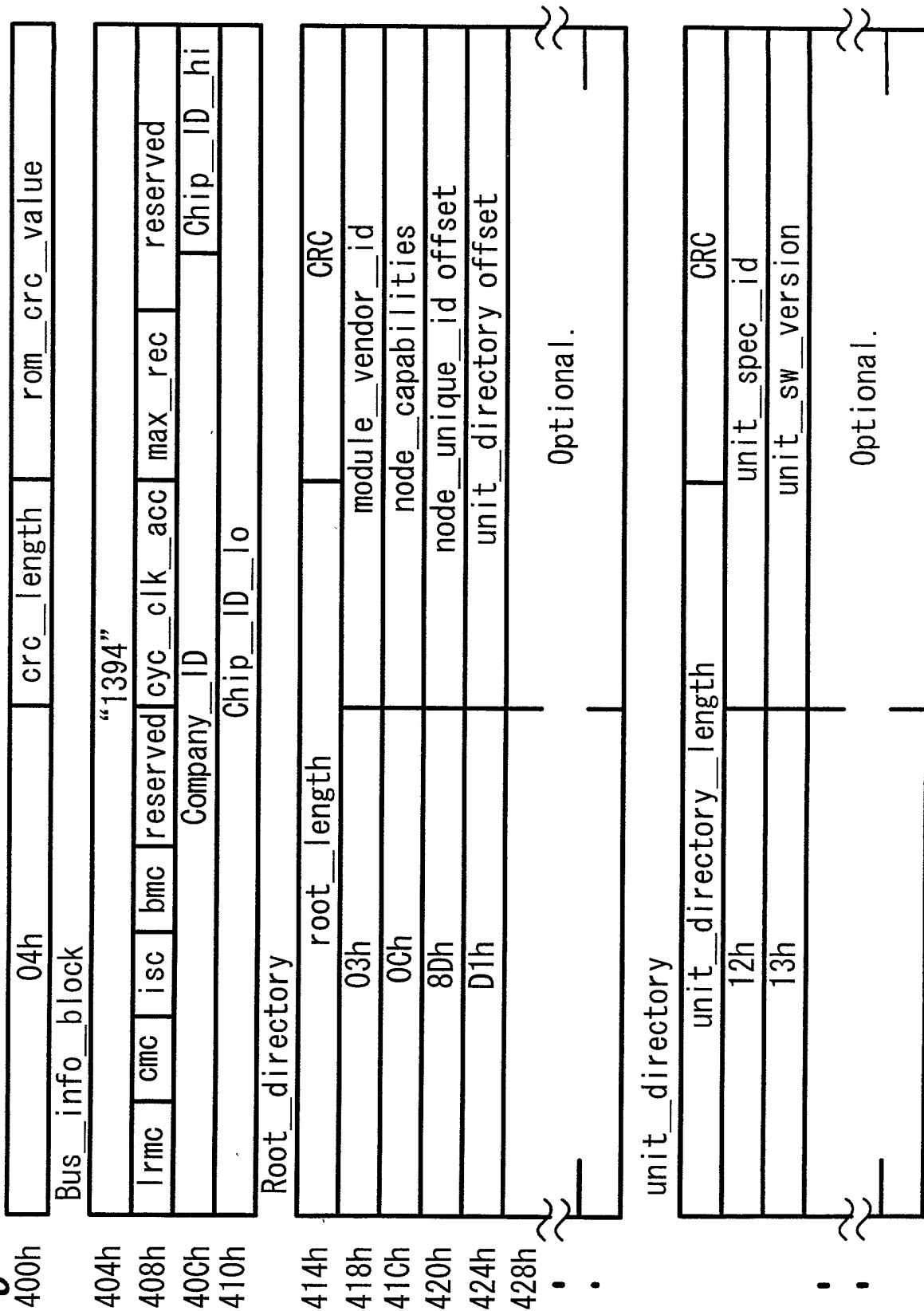


FIG. 8A

oMPR

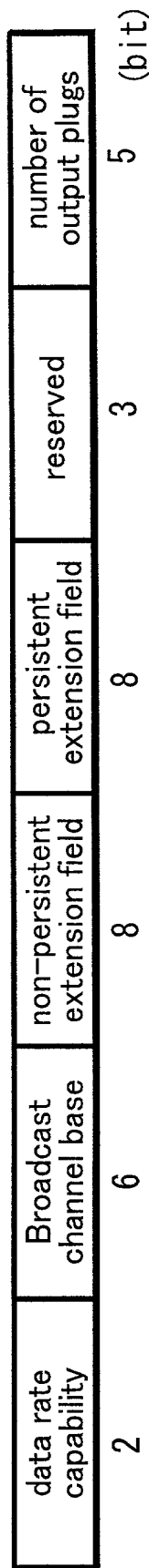


FIG. 8B

oPCR [n]

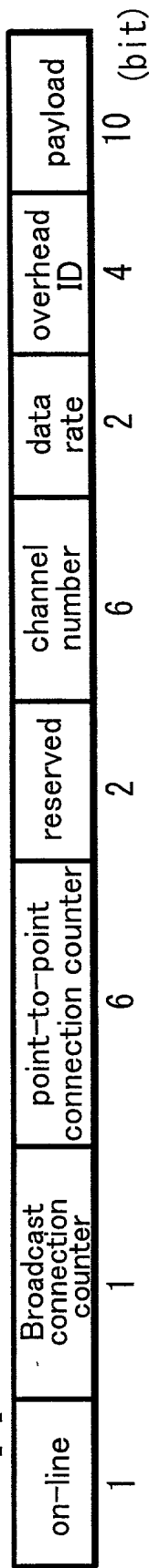


FIG. 8C

iMPR

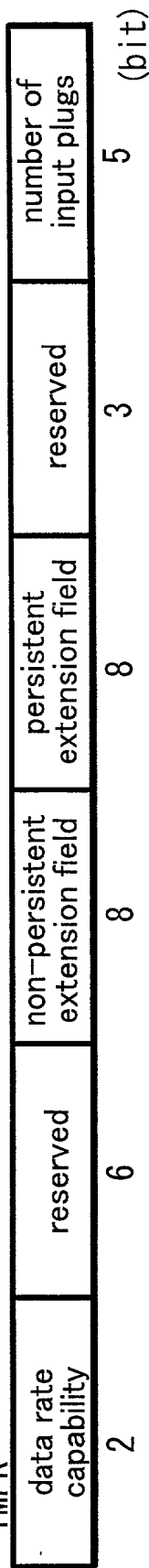
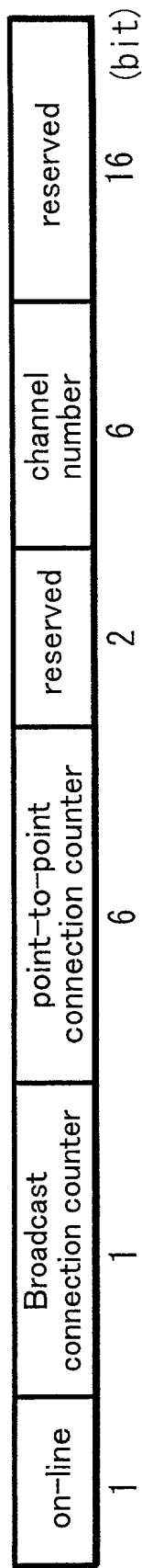


FIG. 8D

iPCR [n]



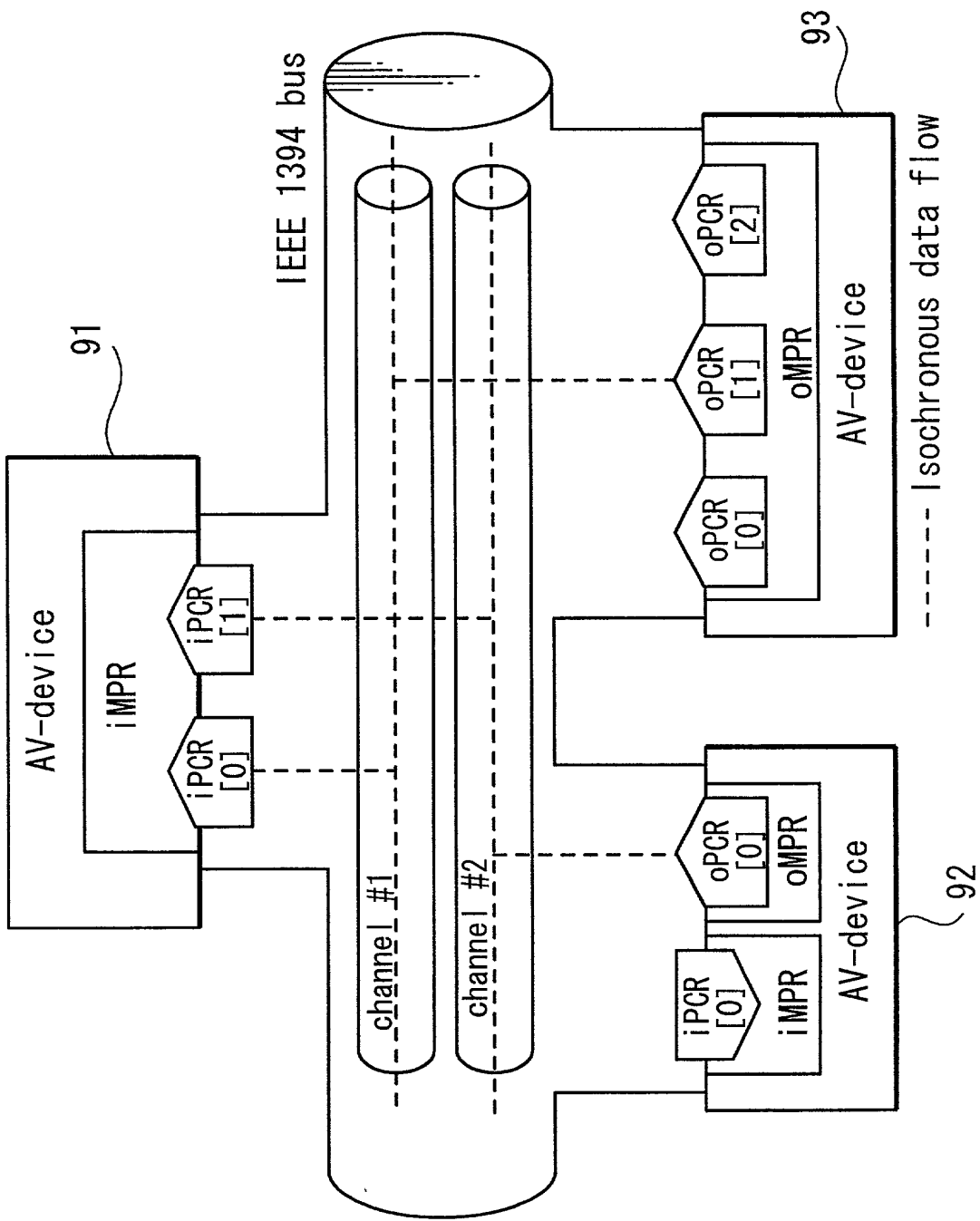


FIG. 11

The General Subunit Identifier Descriptor	
address	contents
00 00 ₁₆	descriptor__length
00 01 ₁₆	
00 02 ₁₆	generation__ID
00 03 ₁₆	size__of__list__ID
00 04 ₁₆	size__of__object__ID
00 05 ₁₆	size__of__object__position
00 06 ₁₆	number__of__root__object__lists (n)
00 07 ₁₆	
00 08 ₁₆	root__object__list__ID__0
:	
:	:
:	root__object__list__ID__n-1
:	
:	subunit__dependent__length
:	
:	subunit__dependent__information
:	
:	manufacturer__dependent__length
:	
:	manufacturer__dependent__information
:	
:	

FIG. 12

generation_ID values	
generation_ID	meaning
00 ₁₆	Data structures and command sets as specified in the AV/C General Specification, version 3.0
all others	reserved for future specification

FIG. 13

List ID Value Assignment Ranges	
range of values	list definition
0000 ₁₆ –0FFF ₁₆	reserved
1000 ₁₆ –3FFF ₁₆	subunit-type dependent
4000 ₁₆ –FFFF ₁₆	reserved
1 000 ₁₆ –max list ID value	subunit-type dependent

FIG. 14

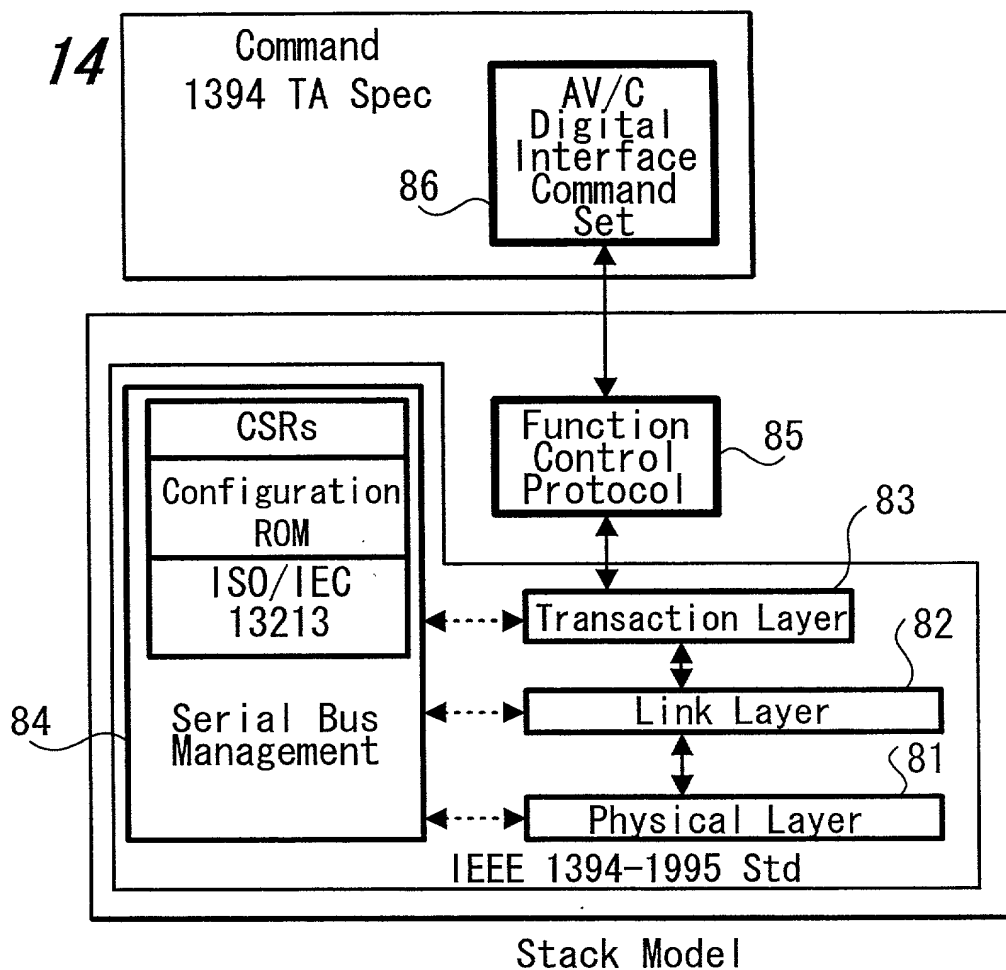


FIG. 15

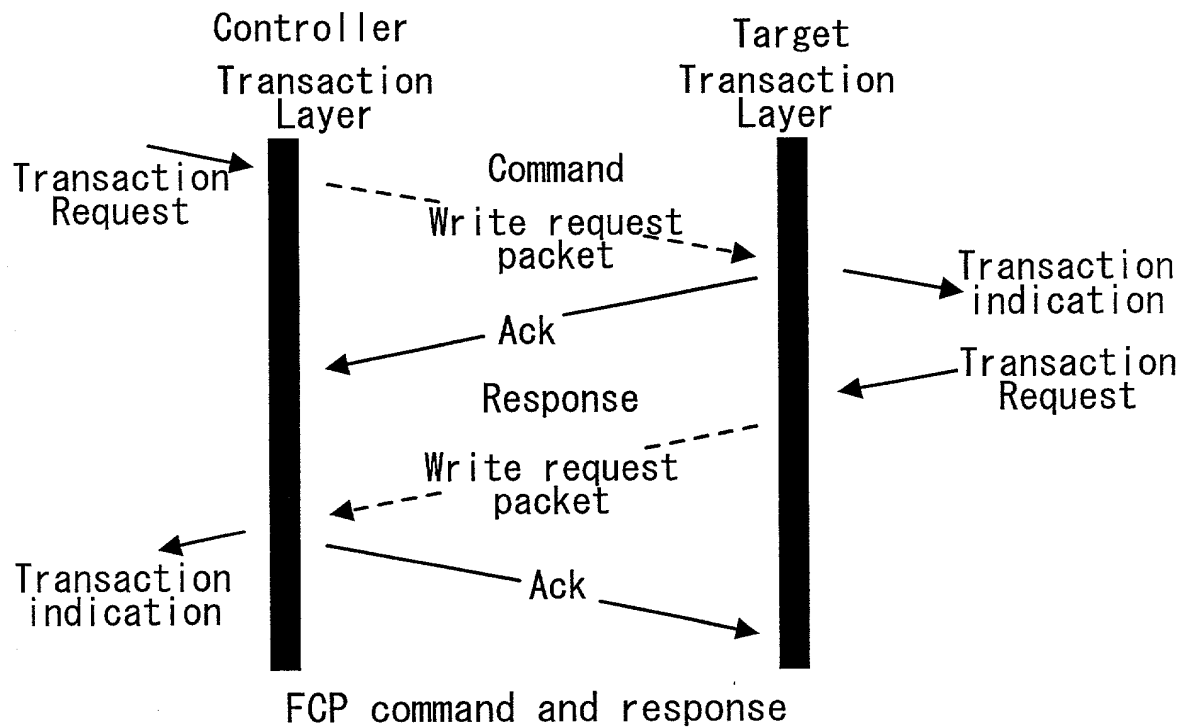


FIG. 16

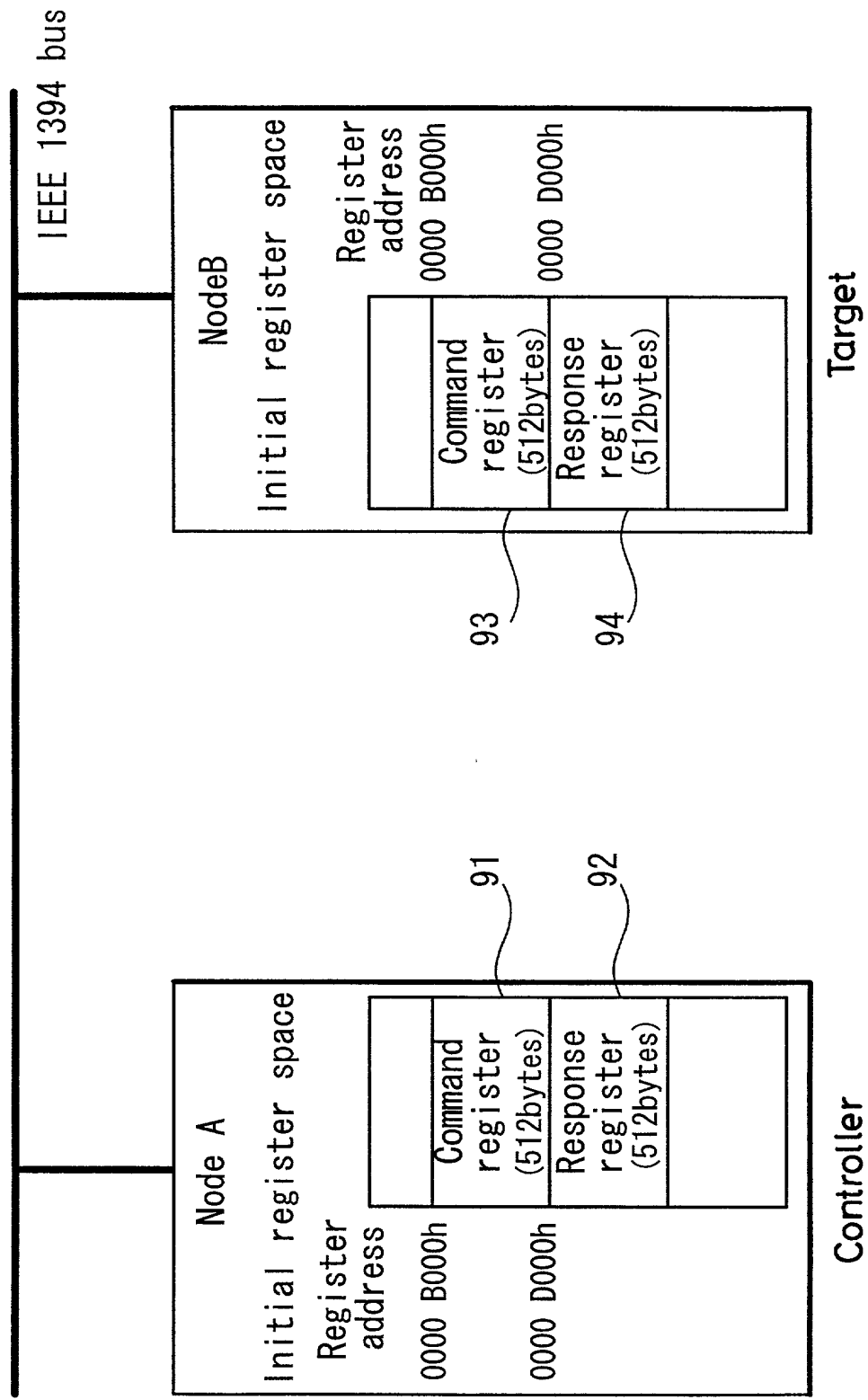


FIG. 17

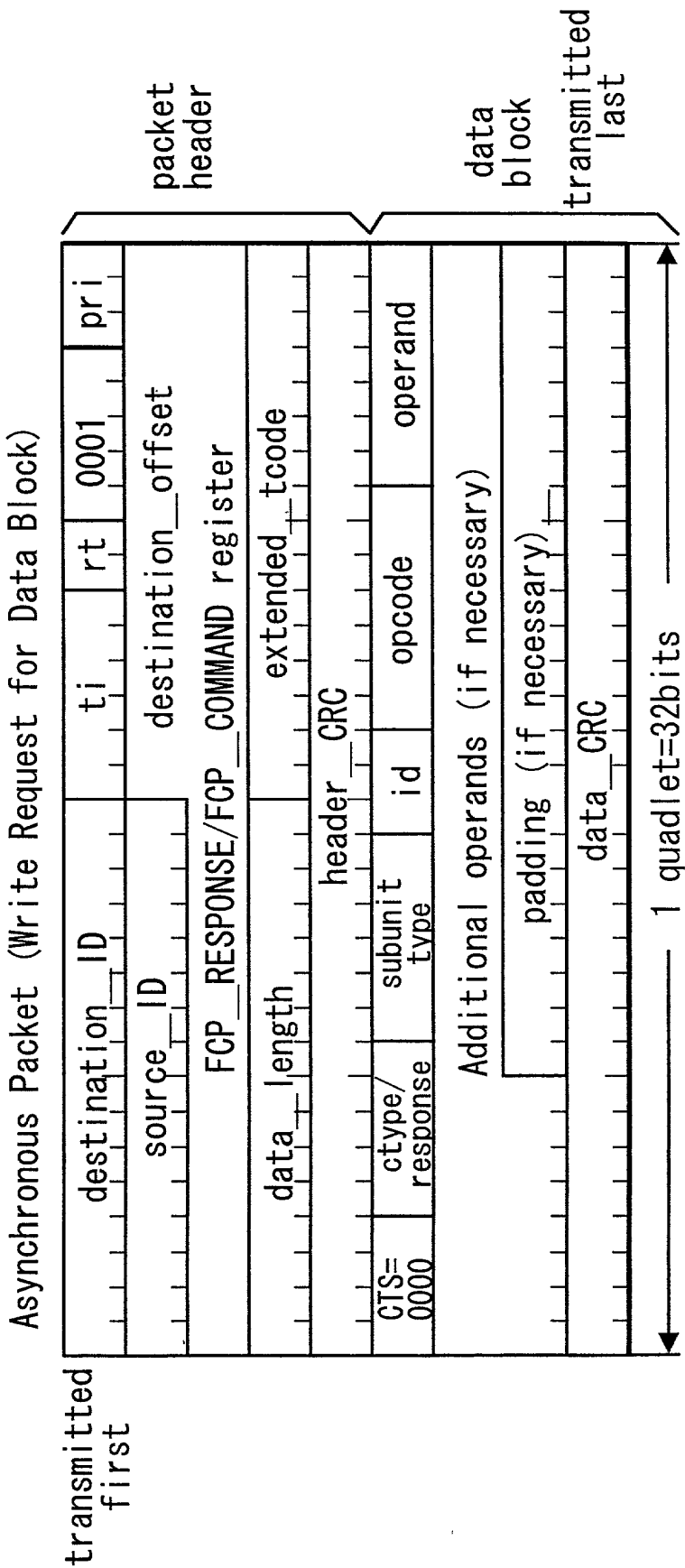


FIG. 18A

ctype/response

Command	0000	CONTROL STATUS
	0001	SPECIFIC INQUIRY NOTIFY
	0010	GENERAL INQUIRY
	0011	(reserved for future specification)
	0100	NOT IMPLEMENTED
Response	1000	ACCEPTED
	1001	REJECTED
	1010	IN TRANSITION
	1100	IMPLEMENTED/STABLE
	1101	CHANGED
	1110	(reserved for future specification)
	1111	INTERIM

FIG. 18B

subunit_type

00000	Video monitor (reserved)
00000	Disc recorder/Player
00100	Tape recorder/Player
00101	Tuner
00111	Video Camera (reserved)
11100	Vendor unique (reserved)
11101	(Subunit type extended to next byte
11110	Unit*
11111	

FIG. 18C

opcode: Operation

00h	VENDOR-DEPENDENT
50h	SEARCH MODE
51h	TIMECODE
52h	ATN
60h	OPEN MIC
61h	READ MIC
62h	WRITE MIC
C1h	LOAD MEDIUM
C2h	RECORD
C3h	PLAY
C4h	WIND
}	}

tape recorder in case of ID 0			
AV/C control	ctype= 0000	subunit type=00100	id=000
CTS= 0000	0000	0000	opcode=C3h
			operand= 75h

FIG. 19A

tape recorder in case of ID 0			
AV/C accepted	response =1001	subunit type=00100	id=000
CTS= 0000	0000	0000	opcode=C3h
			operand= 75h

FIG. 19B

FIG. 20

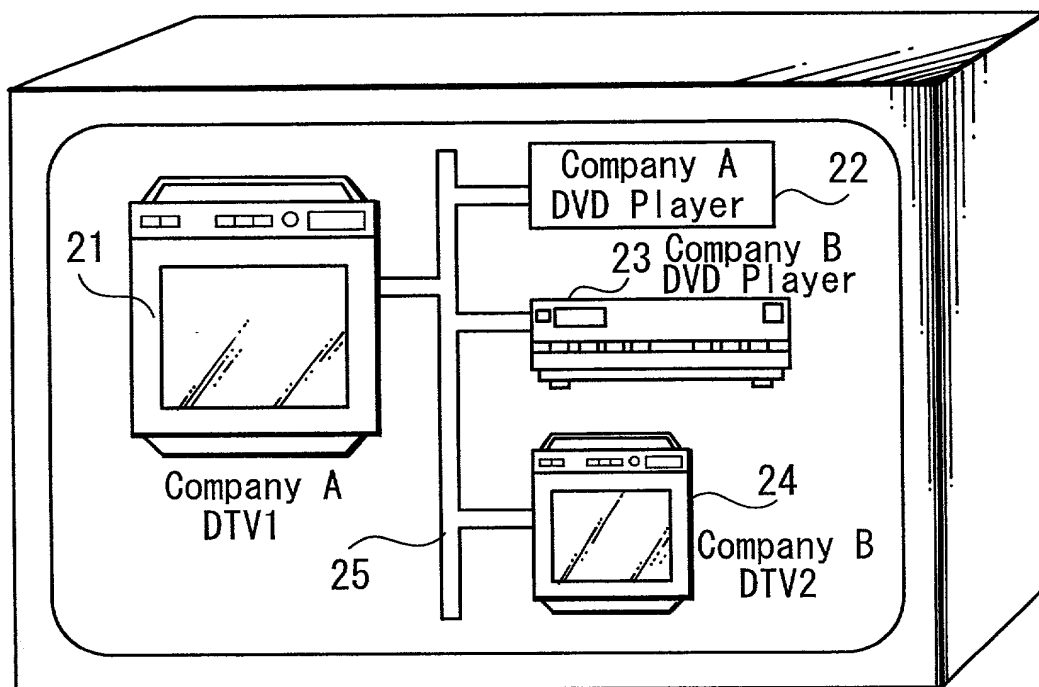


FIG. 21

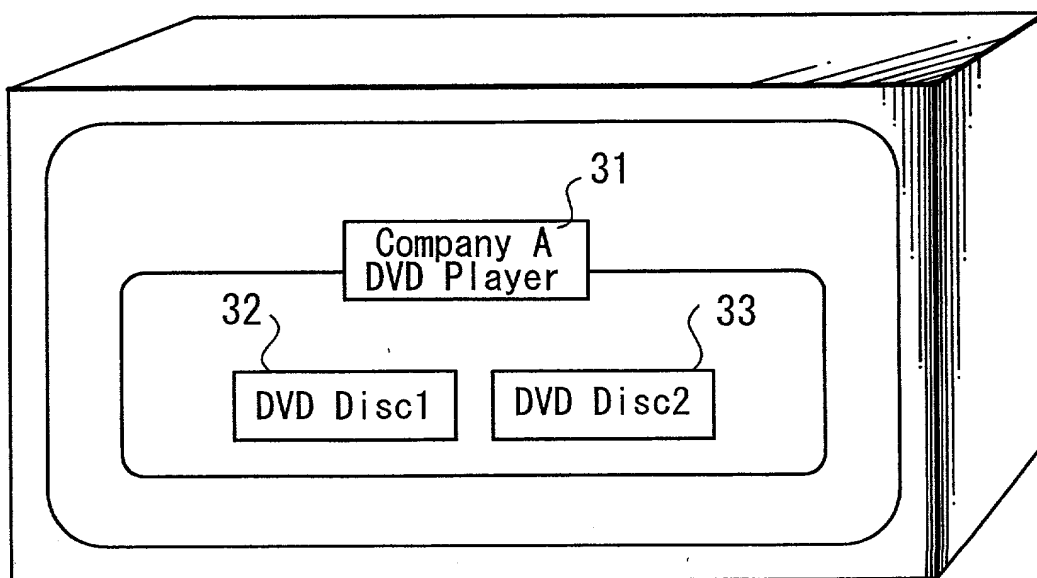


FIG. 22

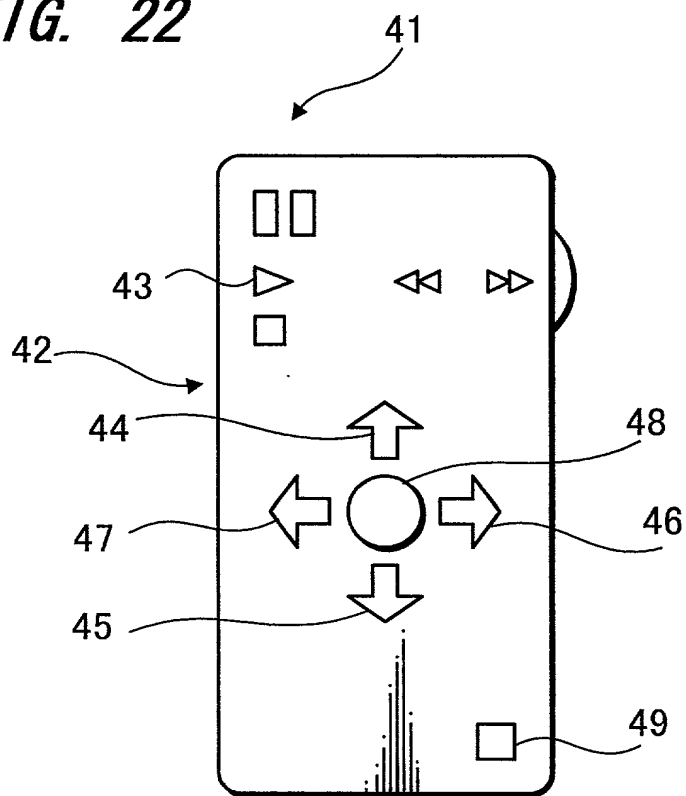


FIG. 23

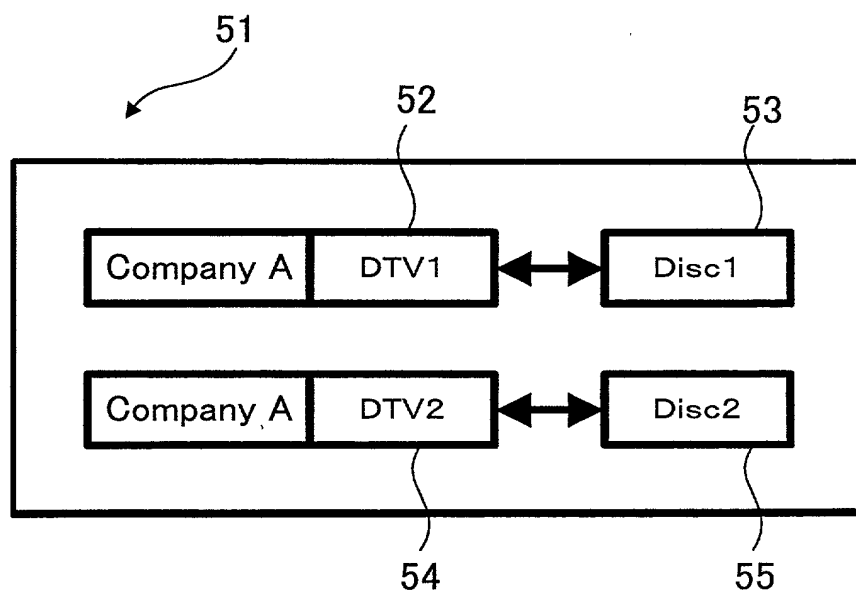
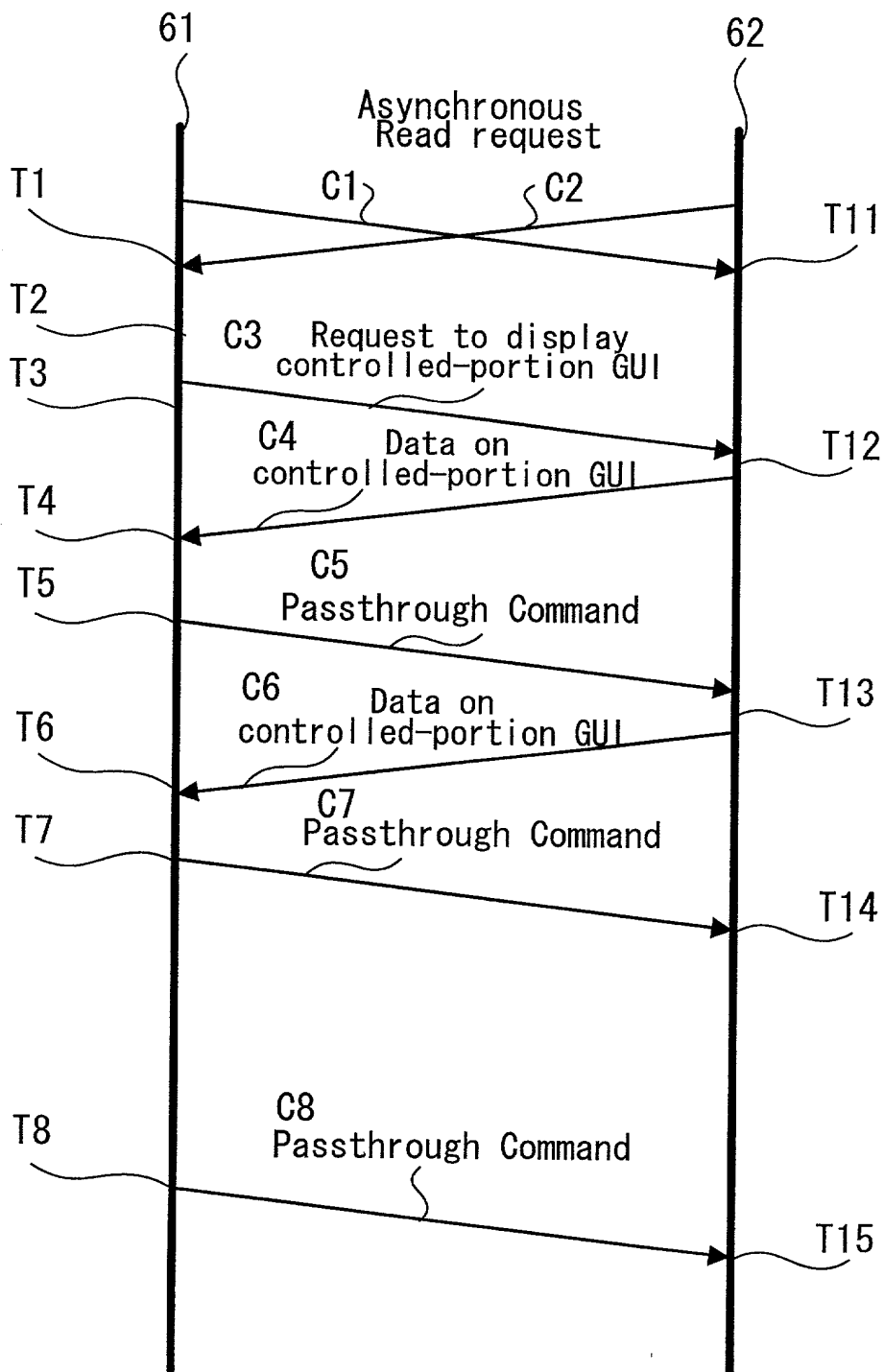


FIG. 24



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FIG. 25

